

Title (en)  
CENTRIFUGE HAVING A ROTARY SEAL.

Title (de)  
ZENTRIFUGE MIT EINER SCHLEIFRINGDICHTUNG.

Title (fr)  
CENTRIFUGE AVEC UN JOINT ROTATIF.

Publication  
**EP 0015288 A4 19801114 (EN)**

Application  
**EP 79900886 A 19800225**

Priority  
• US 2629279 A 19790402  
• US 92527078 A 19780717

Abstract (en)  
[origin: WO8000227A1] An improved rotary centrifuge seal is disclosed of the type formed from a rotatable ring member (40) and a non-rotatable ring member (42) having a sealing face of each in contact to provide a dynamic seal between rotatable and stationary centrifuge elements. This improved seal is provided with means for entrapping solid particulate matter generated at areas of contact (44) and means for directing entrapped particles back to the area of contact where they are ingested. This prevents contamination of fluid being processed in the centrifuge with such solid particles, which is particularly important in blood-processing centrifuges.

IPC 1-7  
**B04B 3/00**; B04B 15/02; F16J 15/36

IPC 8 full level  
**F16J 15/52** (2006.01); **A61M 1/36** (2006.01); **B04B 5/04** (2006.01); **B04B 9/00** (2006.01); **B04B 9/12** (2006.01)

CPC (source: EP US)  
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Cited by  
DE19746914C2; WO9818403A1

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IT 1122192 B 19860423; IT 7924382 A0 19790716; JP S55500526 A 19800814

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